

A sensor in which a field effect transistor element 3 having a gate electrode 6 on its rear side is electrically connected onto a resistive element 2 having a top surface electrode and a bottom surface electrode in such a way that the gate electrode 6 and a portion of the top surface electrode of the resistive element 2 coincides, and a grounding electrode 12 on a substrate is electrically connected with the bottom surface electrode of the resistive element 2 so that they coincides.

[illegible]